

Project Title	Funding	Strategic Plan Objective	Institution
Genetic basis of autism	\$6,380,872	Q3.L.B	Cold Spring Harbor Laboratory
Autism Treatment Network (ATN)	\$2,938,394	Q4.Other	Autism Speaks (AS)
Autism Genome Project (AGP)	\$2,044,857	Q3.L.B	Autism Speaks (AS)
Autism Genetic Resource Exchange (AGRE)	\$1,826,554	Q3.L.B	Autism Speaks (AS)
Deep sequencing of autism candidate genes in 2000 families from the Simons Simplex Collection	\$1,384,503	Q3.L.B	Cold Spring Harbor Laboratory
Identifying brain-based biomarkers for ASD & their biological subtypes	\$1,206,925	Q2.Other	New York State Psychiatric Institute
Neural dissection of hyperactivity/inattention in autism	\$1,179,863	Q2.S.E	New York University School of Medicine
The creation of ASDRA (Autism Spectrum Disorder Risk Alert)	\$968,717	Q1.S.A	Tiranoff Productions, LLC
Prenatal factors and risk of autism in a Finnish national birth cohort	\$840,697	Q3.S.C	New York State Psychiatric Institute
Social determinants of the autism epidemic	\$805,000	Q3.L.C	Columbia University
Cold Spring Harbor Laboratory faculty recruitment in developmental neurobiology	\$719,000	Q7.K	Cold Spring Harbor Laboratory
Sensory processing and integration in autism	\$593,677	Q2.Other	City College of New York
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$592,498	Q2.Other	University of Rochester
3/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$571,568	Q3.S.A	Mount Sinai School of Medicine
Novel models to define the genetic basis of autism	\$545,463	Q4.S.B	Cold Spring Harbor Laboratory
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$499,780	Q3.L.B	Research Foundation for Mental Hygiene, Inc.
Cell-based genomic analysis in mouse models of Rett syndrome	\$498,790	Q2.S.D	Cold Spring Harbor Laboratory
Linking data sources from the Autism Genetic Resource Exchange (AGRE) with NDAR	\$490,996	Q7.H	Autism Speaks (AS)
Placental vascular tree as biomarker of autism/ASD risk	\$483,029	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$474,750	Q2.Other	Memorial Sloan-Kettering Cancer Center
Cellular and molecular alterations in GABAergic inhibitor circuits by mutations in MeCP2	\$441,032	Q2.S.D	Cold Spring Harbor Laboratory
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$430,225	Q4.Other	State University of New York, Buffalo
Autism Tissue Program (ATP)	\$428,223	Q7.D	Autism Speaks (AS)
Molecular determinants of L-type calcium channel gating	\$402,500	Q4.S.B	Columbia University
Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Q4.S.B	Columbia University
The development and redevelopment of lexical and sublexical representations	\$380,273	Q2.Other	The Research Foundation of the State University of New York

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Translation regulation in hippocampal LTP and LTD	\$375,817	Q2.S.D	New York University
2/3-Multisite RCT of early intervention for spoken communication in autism	\$374,423	Q4.S.F	University of Rochester
The role of SHANK3 in autism spectrum disorders	\$360,000	Q4.S.B	Mount Sinai School of Medicine
Molecular components of A-type K+ channels	\$352,538	Q2.S.E	New York University School of Medicine
Determining the genetic basis of autism by high-resolution analysis of copy number	\$351,639	Q3.L.B	Cold Spring Harbor Laboratory
Development of brain connectivity in autism	\$312,916	Q2.Other	New York School of Medicine
Cognitive mechanisms of serially organized behavior	\$306,785	Other	Columbia University
Research Center for the Study of Gene Structure and Function (supplement)	\$299,668	Q3.L.B	Hunter College
Neural and behavioral outcomes of social skills groups in children with ASD	\$287,798	Q4.S.F	Mount Sinai School of Medicine
The effects of oxytocin on complex social cognition in autism spectrum disorders	\$279,520	Q4.L.A	Mount Sinai School of Medicine
3/3-Atomoxetine placebo and parent training in autism	\$277,200	Q4.S.F	University of Rochester
Connectivity of anterior cingulate cortex networks in autism	\$265,044	Q2.Other	New York University School of Medicine
Cell type-based genomics of developmental plasticity in cortical GABA interneurons	\$252,000	Q2.S.D	Cold Spring Harbor Laboratory
Bioinformatics support for AGRE	\$225,936	Q3.Other	Autism Speaks (AS)
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q4.S.B	Columbia University
Anterior cingulate and fronto-insular related brain networks in autism	\$194,745	Q2.Other	Mount Sinai School of Medicine
Aberrant synaptic function caused by TSC mutation in autism	\$173,726	Q2.S.D	Columbia University
Autism in a fish eating population	\$172,491	Q3.S.F	University of Rochester
A proposal to define cells and circuits impacted in autism spectrum disorders	\$162,544	Q4.S.B	The Rockefeller University
Taste, smell, and feeding behavior in autism: A quantitative traits study (supplement)	\$151,884	Q2.Other	University of Rochester
Simons Simplex Collection Site	\$150,500	Q3.L.B	Columbia University
Misregulation of BDNF in autism spectrum disorders	\$150,000	Q1.L.A	Weill Cornell Medical College
Regulation of inflammatory Th17 cells in autism spectrum disorder	\$150,000	Q2.S.A	New York University School of Medicine
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	\$142,113	Q3.Other	Memorial Sloan-Kettering Cancer Center

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Core--Genomics/Bioinformatics--Alzheimer's disease and autism	\$136,335	Q3.L.B	Columbia University
Analysis of cortical circuits related to ASD gene candidates	\$127,500	Q4.S.B	Cold Spring Harbor Laboratory
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$126,432	Q1.Other	Weill Cornell Medical College
Clinical Trials Network	\$121,843	Q4.L.A	Autism Speaks (AS)
BrainVision BrainAmp MR plus	\$120,670	Q1.S.A	Mount Sinai School of Medicine
Autism Celloidin Library	\$109,000	Q2.S.C	Mount Sinai School of Medicine
Social behavior deficits in autism: Role of amygdala	\$93,500	Q2.Other	State University of New York Upstate Medical Center
Serotonin, autism, and investigating cell types for CNS disorders	\$90,000	Q4.S.B	The Rockefeller University
Autistic endophenotypes and their associations to oxytocin and cholesterol	\$84,055	Q2.Other	Mount Sinai School of Medicine
Systematic analysis of neural circuitry in mouse models of autism	\$75,432	Q4.S.B	Cold Spring Harbor Laboratory
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$65,726	Q1.L.C	Columbia University
Evaluating behavioral and neural effects of social skills intervention for school-age children with autism spectrum disorders	\$60,000	Q4.S.F	Mount Sinai School of Medicine
Role of neuroligins in long-term plasticity at excitatory and inhibitory synapses	\$57,194	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Multi-registry analyses for iCARE - Data Management Core	\$50,360	Q7.J	Columbia University
Synaptic plasticity, memory and social behavior	\$50,054	Q4.S.B	New York University
Distinct function of the neuroligin 3 postsynaptic adhesion complex	\$37,784	Q2.Other	Columbia University
The integration of interneurons into cortical microcircuits	\$37,500	Q4.S.B	New York University School of Medicine
Multisensory integration and temporal synchrony in autism	\$34,176	Q2.Other	University of Rochester
Neural basis of audiovisual integration during language comprehension in autism	\$30,000	Q2.Other	University of Rochester
A preclinical model for determining the role of AVPR1A in autism spectrum disorders	\$30,000	Q4.S.B	Mount Sinai School of Medicine
Writing instruction for children with autism spectrum disorders: A study of self-regulation and strategy use	\$30,000	Q4.S.C	University at Albany, State University of New York
Baby Siblings Research Consortium	\$26,634	Q1.Other	Autism Speaks (AS)
Training rural providers in the assessment and treatment of emotional and behavioral disorders in autism	\$24,002	Q5.L.A	University of Rochester

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Targeting the big three: Challenging behaviors, mealtime behaviors, and toileting	\$23,732	Q5.L.C	New York State Institute for Basic Research
Support and recreation for children with autism and their siblings	\$17,512	Q5.S.B	C.W. Post Campus of Long Island University
Transcranial magnetic stimulation (rTMS) for evaluation and treatment of repetitive behavior in subjects with autism spectrum disorders	\$17,161	Q4.Other	Columbia University
The NSSA Green Team	\$8,744	Q5.L.B	Nassau Suffolk Services for Autism
Innovative Technology for Autism	\$7,616	Other	Autism Speaks (AS)
Dense mapping of candidate regions linked to autistic disorder	\$5,028	Q3.L.B	Feinstein Institute for Medical Research
Autism Genome Project	\$4,894	Q3.L.B	Mount Sinai School of Medicine
Intransal oxytocin in the treatment of autism	\$2,202	Q4.L.A	Mount Sinai School of Medicine
Oxytocin vs. placebo on response inhibition and face processing in autism	\$1,712	Q4.L.A	Mount Sinai School of Medicine
Greater New York Autism Center of Excellence - Clinical Core	\$1,224	Q2.Other	Mount Sinai School of Medicine
Brain glutamate concentrations in autistic adolescents by MRS	\$1,224	Q3.S.E	Mount Sinai School of Medicine
Neural mechanisms of attentional networks in autism	\$490	Q2.Other	Mount Sinai School of Medicine
fMRI study of self-produced tactile stimulation in autistic adolescents	\$244	Q2.Other	Mount Sinai School of Medicine
Open label risperidone in children and adolescents with autistic disorder	\$244	Q4.L.C	Mount Sinai School of Medicine
Video game environments for the integrative study of perception, attention and social cognition in autism and autism sibs	\$0	Q1.S.B	Cornell University
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	University of Rochester
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	State University of New York at Potsdam
The pathogenesis of autism: Maternal antibody exposure in the fetal brain	\$0	Q2.S.A	The Feinstein Institute for Medical Research
Neural circuit deficits in animal models of Rett syndrome	\$0	Q2.S.D	Cold Spring Harbor Laboratory
Gastrointestinal functions in autism	\$0	Q2.S.E	University at Buffalo, The State University of New York
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Are neuronal defects in the cerebral cortex linked to autism?	\$0	Q2.Other	Memorial Sloan-Kettering Cancer Center

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Informational and neural bases of empathic accuracy in autism spectrum disorder	\$0	Q2.Other	Columbia University
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	\$0	Q4.S.B	Albert Einstein College of Medicine of Yeshiva University

